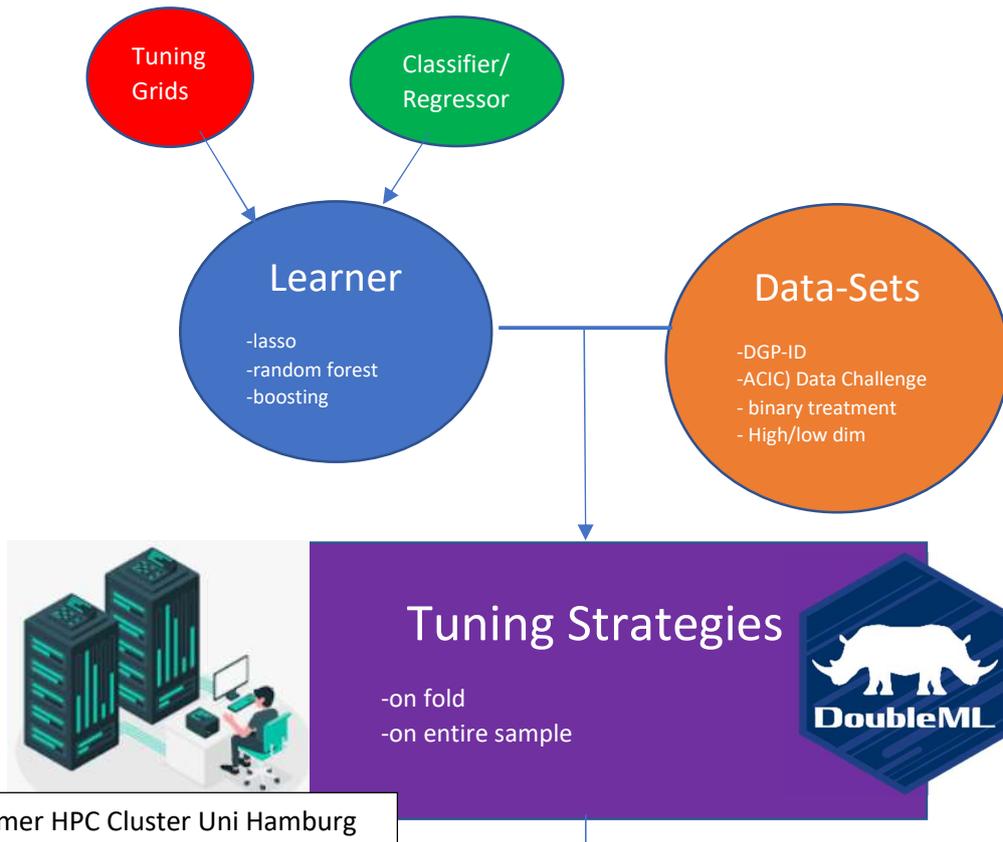


# Simulation Study: Hyperparameter Tuning with DoubleML Package



Results

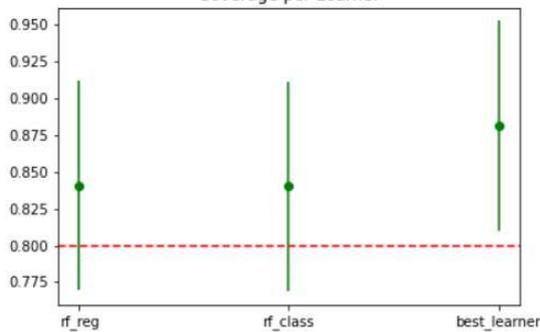
Coefficient	Confidence interval	True ATE	Date set ID	ml_g_tune	ml_m_tune	msr_type	Learner
0.84	0.7-0.9	0.8	High42	1.5	0.4	Acc/mse	lasso

## Evaluation

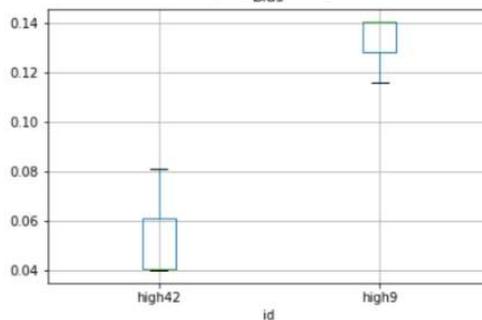
Best learner

Plots

high42 Coverage per Learner



Boxplot grouped by id



	bias	squared error	coverage
id			
high42	0.054105	0.001640	1.000000
high9	0.132542	0.019832	0.333333